

Figure 1

NCE4	MRSSPLLRSVVAAALPVLAL—————AADGKSTRYWDCCCKPSCGWAK	21
	***** *	
STCE1	MRSSPVLRTALAAALPLAALA—————ADGKSTRYWDCCCKPSCSWPG	20
	* ***** ***	
NCE5	MQLPLTLLTLLPALAA—————AQSGSGRTTRYWDCCCKPSCAWPG	23
	<u>Signal peptide</u> → <u>Catalytic domain</u> →	
NCE4	KAPVNQPVFSCNANFQRLTDF—DAKSGCEPGGVAYSCADQTPWAVNDDFA	70
	** ***** * ***** * ***** ** ** ***** *	
STCE1	KASVNQPVFACSANFQRI SDP—NVKSGCD—GGSAYACADQTPWAVNDNFS	68
	* ** * * * ***** ** ** * ** ***** *	
NCE5	KGPA—PVRTCDRWDNPLFDGGNTRSGCDAGGGAYMCSDQSPWAVSDDLA—	71
NCE4	FGFAATS IAGSNEAGWCCACYELTFTSGPVAGKKMVVQSTSTGGDLGSNH	120
	***** * *** *** ***** ***** ***** **	
STCE1	YGFAATS ISGGNEASWCCGCYELTFTSGPVAGKTMVVQSTSTGGDLGTNH	118
	** ** * * ** *** ***** * ** ***** **	
NCE5	YGWAAVNIAGSNERQWCCACYELTFTSGPVAGKRM I VQASNTGGDLGNNH	121
NCE4	FDLNI PGGGVG I FDGCTPQFGGLP—GQRYGG I SSRNECDRFPDALKPG	167
	*** ***** ***** * ***** ** ** *****	
STCE1	FDLAMPGGGVG I FDGCSPQFGGLA—GDRYGGVSSRSQCDSFPAALKPG	165
	** ***** * * * * ***** * * ** ** *****	
NCE5	FDIAMPGGGVG I FNACTDQYGAPPNGWGQRYGG I SQRHECDFEPEKLKPG	171

Figure 2

NCE4	CYWRFDWFKNADNPSFSFRQVQCPAELVARTGCCRNDGDFPAVQIPSSS	217
	***** * ***** ***** **	
STCE1	CYWRFDWFKNADNPTFTFRQVQCPSELVARTGCCRNDGDFPVFTPPSGG	215
	***** ***** *** ** * ** ** *	
NCE5	CYWRFDWFLNADNPSVNRQVSCPAEIVAKSGCSR	206
	Linker →	
NCE4	TSSPVGQPTSTTTSTTTSSPPVQPTPS	255
	** * ***** * * ** * ** *	
STCE1	QSSSSSSSSSAKPTSTTTSTTKATSTTSTASSQTSSSTGGGCAAQRWA	265
NCE5		
	CBD →	
NCE4	CQCGGNGWSGCTTCVAGSTCTKINDWYHQCL	286
	***** * ***** * ** * *****	
STCE1	CQCGGIGFSGCTTCVSGTTCNKQNDWYSQCL	295
NCE5		